

CLAIMS

1. A high water-absorbent resin particle, prepared by adhering an ethylene-glycidyl (meth)acrylate copolymer to the surface of a resin particle
5 made of a high water-absorbent resin in the ratio of 0.5 to 50 parts by weight of the ethylene-glycidyl (meth)acrylate copolymer based on 100 parts by weight of the resin particle.

2. The high water-absorbent resin particle according to claim 1,
10 wherein the ethylene-glycidyl (meth)acrylate copolymer is at least one member selected from the group consisting of an ethylene-glycidyl acrylate copolymer, an ethylene-glycidyl methacrylate copolymer, an ethylene-glycidyl acrylate-vinyl acetate copolymer, an ethylene-glycidyl methacrylate-vinyl acetate
15 copolymer, an ethylene-glycidyl acrylate-methyl acrylate copolymer, and an ethylene-glycidyl methacrylate-methyl acrylate copolymer.

3. The high water-absorbent resin particle according to claim 1 or 2,
wherein the content of ethylene in the ethylene-glycidyl (meth)acrylate
copolymer is 50 to 99% by weight.

4. The high water-absorbent resin particle according to any one of
claims 1 to 3, wherein the melting point of the ethylene-glycidyl (meth)acrylate
copolymer is 50° to 150°C.

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5. The high water-absorbent resin particle according to any one of

The "50/50" ratio

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claims 1 to 4, wherein the melt flow rate of the ethylene-glycidyl (meth)acrylate copolymer is 1 to 400 g/10 minutes at 190°C under 2160 gf.

5 6. The high water-absorbent resin particle according to any one of claims 1 to 5, wherein the high water-absorbent resin is at least one member selected from the group consisting of a crosslinked acrylate polymer, a crosslinked vinyl alcohol-acrylate copolymer, a crosslinked maleic anhydride-grafted polyvinyl alcohol, crosslinked acrylate-methacrylate copolymer, a crosslinked saponified methyl acrylate-vinyl acetate copolymer, a crosslinked starch-acrylate graft copolymer, a crosslinked saponified starch-acrylonitrile graft copolymer, a crosslinked carboxymethyl cellulose, a crosslinked isobutylene-maleic anhydride copolymer, and a crosslinked ethylene oxide polymer.

15 7. The high water-absorbent resin particle according to any one of claims 1 to 6, wherein the resin particle has an average particle diameter of 5 to 1000 μm .